

## INTERNATIONAL SEARCH REPORT

Int      nal Application No  
PCT/EP2004/051426

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7    E21B7/18    E21B7/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7    E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2 284 837 A (ANADRILL INT SA) 21 June 1995 (1995-06-21) page 2, lines 7-14	1-8, 16, 17
A	page 4, lines 5-11 page 5, lines 11-22 page 6, lines 6-12; figures 2-4	9-15
A	US 4 637 479 A (LEISING LAWRENCE J) 20 January 1987 (1987-01-20) column 2, line 65 - column 3, line 2 column 3, lines 23-43 column 10, lines 33-37 ----- -/--	1-8, 16, 17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

2 November 2004

Date of mailing of the international search report

10/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 314 030 A (PETERSON CARL R ET AL) 24 May 1994 (1994-05-24) column 2, lines 22-26 column 5, lines 24-31 column 6, lines 52-56 column 7, lines 23-30 -----	1-8,16, 17
Y	US 5 291 956 A (HINKEL ROBERT M ET AL) 8 March 1994 (1994-03-08) column 7, lines 4-16 -----	1-8,16, 17
A	US 6 109 370 A (GRAY IAN) 29 August 2000 (2000-08-29) column 4, lines 43-47 -----	1,16
A	US 4 787 465 A (DICKINSON III BEN W O ET AL) 29 November 1988 (1988-11-29) the whole document -----	
A	WO 02/34653 A (SHELL CANADA LTD ; SHELL INT RESEARCH (NL)) 2 May 2002 (2002-05-02) the whole document -----	

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Information on patent family members

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